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Collection and Field Note Book

Id. off

(May 28, 1955--Dec. 4, 1955)

(36377 - 36626)

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Collection and Field Note Book

No. 41

(May 28, 1955--Dec. 4, 1955)

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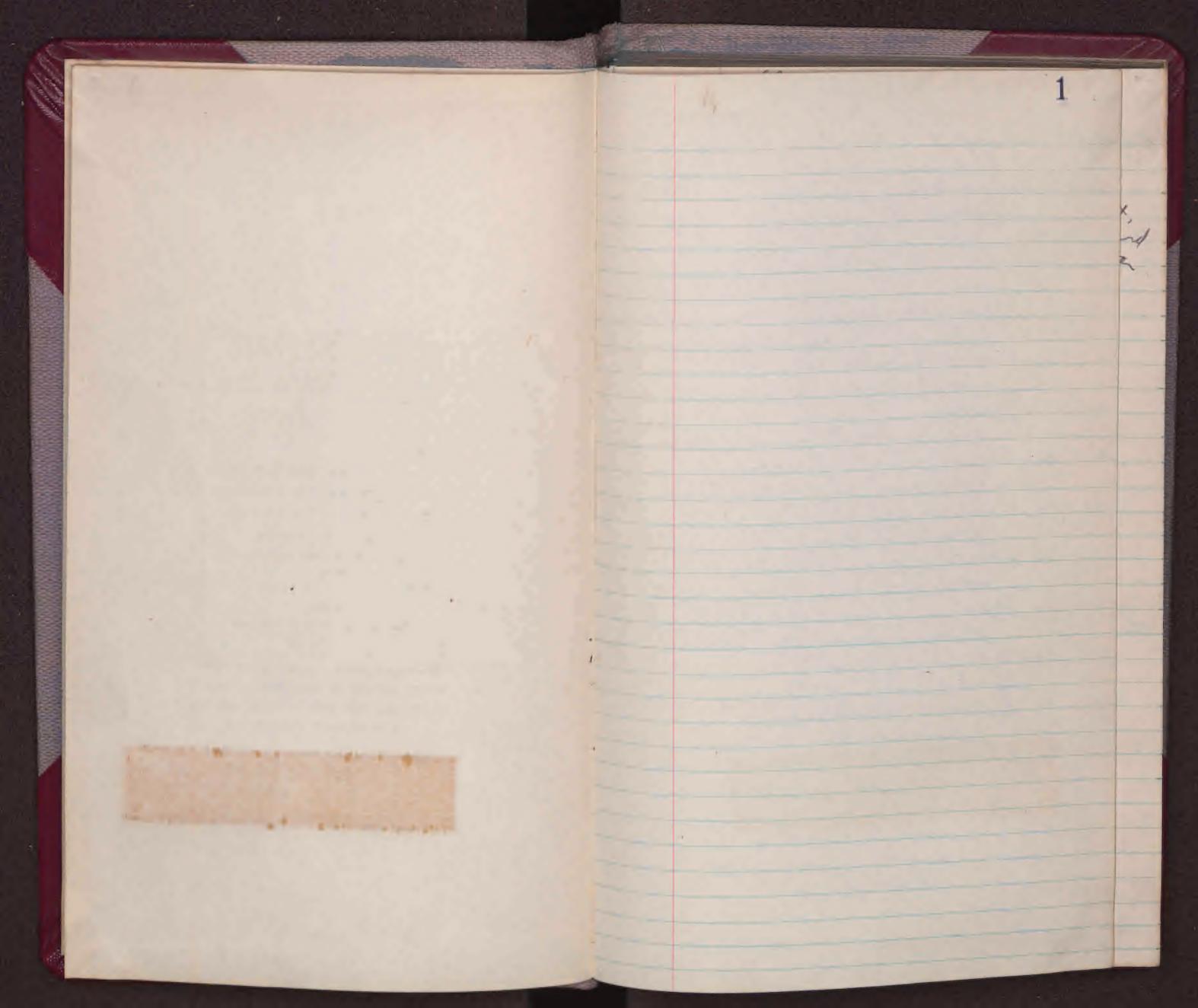
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N 2 1955 Virginia Shenandoah nat. Park 3 may 28 - north entrance to 36377 Wisteria frutescens (L.) Pois. edge of words on steep slope. woody ving climbing petals light violet standard with greenish-yellow center May 28. Gooney Mana Overlook steep worthy slope, sunny just below mad on 2 79 Browns abundant just below road 80 alyssum alyssoides L. Earnmon just below road 81 Crataegus occasional on 1 82 Cheilanthez vestita welerevices 83 Chionanthus virginious shrub i m. tall 1. 34 Rose carolina stoloniferous, shoots 2 85 Rhur aromatica depressed should 1 86 Paneum linearipolium 87 common locally on calmered, 2 88 Cratagus margaletta ashe should 1.5 m. talf.

1955 Vinginia 04 flen. mat. Parls. may 29 - milestone 86 on around edger are Rubus Skyline Drive, i mi. s. of Black North (Enbatur) busher and Myrica peregring, tangles in the Un area of dense samb rest of the serve. principally querens ilicipolis, a scattered emergent but with liberal components layer, trees 10 - 30 m. apart of Myssa sylvatica, querous locally closes, principally fring, Kalmia latifolia, Vinus rigida and quercus Rhododindron mydiflaugen safrar albidum chempe of Castanes dentata, want frohick ey blight. frinces. Lower layer up to 1 m. high of Vaccinium vacillans, V. slamineum, Pteridium aguilinum, and locally expecially Jaylussacia barcola. The whole unevenly 3 m. tall chumps 1-2 m. apart, the whole so tangled as to be traversed with difficulty. 36389 Rhododendra mudiflaum shrub z m. tall, leaver occasional in scrub slightly glaviour beneit; most corvollar dry, fresh ones pinking with red tube, oder not agreeable. 90 Convolvalus spithameur flowers white, -1 91 Spiraca Caty olis betulactoris g. buds fink on steep troad cut 3 92 Hieracium pulosella flower yellow. on steep ofpen road cut

1955 Virginia May 29 along s. so base of Day and freely ground thin frest of small The Kalmia is in full flower the Vaccinium fruits are well grown but unufe. Quercus coccineg and g. primus, mostly not over 10 m. tall and 10 cm. Woods similar to d.b.h., with chestnut sprouts this extend along the and a conspicuous struct Crimga Fire Road north layer, principally Kalmia to the Paine Run Fire Road, and a low show layer of though they are in Vaccinium vacillans, etc. places taller and Some small are rubrum denser. and Pinus virgeniana, fassafraso

1955 Verginia Shenandoah nat. Parls May 29 - Near Miller Run sl. muth. fet. 1400 , 1500' Flat ground with ligida 60-75' tall, 10-12" dbh crowns not a only just touching, second story unever but averaging half bright of pines of querous primes, g. veluting, Carya, Row Khrub layer scattered, of querens ilicifolia, Castaney pumily sapling of vales & Carya etc bassafras. ground larger rather Alense mostly Vaccinium racillans and teridium som Ruby (Lewberry), Clarothur, etc Mush of the Pteridium malformet, pannuler somewhat & twisted, slightly yellowish green, apparently attached by a mosair. forme other herbs at least along and also Robinia along roal. Vitir clumbing in

10 1955 Vinginia 11 Shen . nax, Park. May 29 - Blick Rock gap 2300' 34393 Fithespermum arvense L. flowers white common may 29 Paine Run 195 Guerous coccineg dominant in words on gentle slope tree 25 m tall, 4 dm. thich (from ground) Tree 15 m. talf, 2 dm. thick May 29 - Black Rock Spring, 1900' Bottom of deep canyon slender trees 10 m. tall. 6 96 alnus serulata thicket around wet ground below spring 97 Rubus alumnur Bailey shrub 3 1.5 m. tall.

areling primorenes erect,

1 m. tall. wet ground below spring 2 98 Carex crinita spikes pendent wet ground around spring 2 99 Carex swanis, 00 Linds ground 36400 Lindera benjoin (L.) Bl shrub, fruit green. The moist ground 2 01 Carex tribulvides Wahl. moist ground 02 foricera japoning twining over shrules 03 Populus grandidentata sprouts only to 1 m. tall, leaves at tip white beneath! very local

12 1995 Vinginia may 29 - Paine Run at the 13 Shen, nat. Parls Herselread 36404 Efriques reprens prostrate st spaise words 05 Hypoxis diisuty Hlower yellow , sparse words 06 asplenium montanum crevices on vertical cliff of quartzete 2 07 Carex renifermin love spreading tuft. in small flat mendow of thin grass near stream 08 disgrishchium angustifolium flower blue-wirlet. shaded roadsid 09 Festuca octoflag exect, reddich. common in small offen meadow of this grass 10 Vitis aestivalis sovody vino: leaver glacious and venulose beneath. common in thickets along stream Engeron strigoruz event, of lowers white, rare in bushes near stream deste greenish. 12 Carex Torta in busher mean stream May 29 - Madison Run 15001 open roadside 2 13 asclepias amplexicantis erect (buds not ofen), leaverfuthorizontal, decussate. occasional 2 14 Kurner acctosella occasional in grass 19 Danthonia spicata erect, spilelets bregental. abundant locally 2 16 Browner

1955 Virginia 14 Shon. nat-Park may 29 - Dundo Pienie area 2600' flat ground fraithy open, former ecc camp site festure oving densely tufted common in ofpen - 18 / huja occidentalis tree 4 m tall, narrowby one tree in old camp, persisting after cultivation 3 19 Vunus senting John growing several. in thicket 20 Rhododendin Edendulucum? in small thicket in open 21 quereus veluting tree 10 m. tal, inner barbs yellow. small tree in semi-open 22 Pinus virginiana occasional 23 Potentilla canadensis procambent petal, yellow, scarcely emerginate fruit red, sweet. abundant in open places 24 Fragaria virginiana commen in open places 2 25 Kris spallida Ram flowers blue lavender. 3 26 Vitis activalis fromcultivation trees leaves glavious beneath. edge of woods above, gerwen yellow. in open places 28 fathyrus venozus var. meridionalis 4.1. local along road 1 29 Pinus rigida small tree vecasional in worde 30 asclepus quadrifolia flowers pale dell pinling occasional along road

16 1955 Virginia Chen max Parls 17 36431 Rhododendin roseum 2 occasional in spane words showle 1.5 m. tall, flowers bright rose frink oder. 32 Rhododendin voseum one bush seen in space woods showl 2 m. tall, flower prints with reddish tuly, clove punh ordn. 33 gaylussain baseata Thrubo. 6 mi Call flowers red. n 34 Menziesia pilosa common in spane vond, showly mitale corollas on cream, punhish on one side.

20

22

In n. w. slope an open area with dense fight scrub of Jaylussacing bascuta and Vaccinium varillans with Xerophyllum Myrighteen of Kalming, menzieria, the whole scattered with young Pinus of rigida about 3-10 m. tall

25

West slope of peak beyond took Rocky Top is a tremendous fine scar, enrered by an uneven serul of, green iliefpolis q manlandico, g. prime, Kalmin Myssa, Castanes dentata spronts, Robinia sapling, scatteres Pinus rigida up & 2dm. Unish, bank still channed, a dense under layer of gad gaylussasia Dalceata, Vaccinium Pteridium paptinaid even Lyonia liquisting (race). The whole surface is inegular and the Ereal composition varied.

26 1955 Virginia Fairfax Co. June 4 - Sleepy Hollow, 1.5 mi. s. of Falls Church 3 435 Festura elation open roadsidy on bas ground somewhat caespiton,

1995 Virginia 28 Shenandoul natitarly. 29 June 12 - 1/2 mi. south of 36436 Allerance & Big Meadows, Lhyling Drine men Tanner Ridge and one Ridge and of the filler and mortings 2 small patch along roadside perennial, not yet and roots yellow. June 12 - Big Meadows growth of bilid, commes! Cratalque. 2 37 hasifraga pensylvaniegt. very fistulos. 38 Maianthemum canadense common in shade and semi-shade 2 39 anemme quinquefoliq vas. Migne white, 2-3 mm. thick, brittle with scattered very thin brownish scales. June 12 - Abryline Drive 2 40 Rhododendron calendulaceum local in oak forest shoul 2 m tall; style reddish June 12 - Old Ray View 3600' meadow extensively invaded by trees and shouls " abies balsamea L. place, many seedlings. tie 10 m. tall, young growth blue-green comes immatus erect, darle prepie, bracks pale green. 43 Pora common on roadside

30, 1955 Virginia then. nat Park 31 June 12 36443 Convolvulus spithamens stigmas showate, venuezs. I fune 12 - Abyling Dring, 1/2 mi, month of phyland entrance 44 Tris germanica dense rolony, whizemen on steep wond-ent insigntal; petals and ste strongly striped with deep purple; staminale and yellow, slightly Francis - Shyline Drive, head of trail to shave Hollow shelter, micholson Hollow mailed toward bas, prestil yellow. (July 10 - no fruit set) 336445 Lepidium campestre L. 3250 St. enect, much branches 2 46 Panieum werneri Laribn. caespitors open road ent June 12 - Thornton River et along highway in worded valley 47 Tephrosia virginiana eaespitose; florvers greenish 115000 locally common in steely worked 48 Panicum clandestinum grassing opening 10501 roadrid 3 50 Pyrus spiny shrub 2 m. call in edge of woods sterile (others seen sing - of small trees). 2 51 Erigeron attigory muly. lavender, diels fellow-green.

32 1955 Virginia then . nat . Park 33 36452 Rumex crispus L. one plant seen, edge of woods. 53 agropyen repend 54 Loging I road cut somewhat glancous, thisomer stender troisenter. 2 54 Panicum Heibnerismun 2 56 Browning wad cut 37 ambonatherum elatius (L.) Prest 58 Browning road cut 59 Rosa multifling 1000' rather vine-like flowers bright common roadside

34 1995 Virginia Fairfax Co. 35. July 3 - month of July 3 months of Tryson's Corner Corner Tysons Come Patch of Pinns virginians woods with some Irons verginians. lovinginiang about 20 m. tall 1.5' - 2.5 dm. dhh Rangest trees core piner spaced 2-5 dm, Epart and Linipolendron about a second story about 3 dm. doh and 30 m. tall 15 m. tall of young these 10-20 m. aparl Livindendin, some or more Occasional bain sizes outsolary reaching canopy. 3 rd stry of Commun 3-4 of variets age and size, mostly less than 1.5 dm. tros sparse and unever thick including diris-dendrin, Fagus, Juencus Ground correr of Louisers Carya, tonin florida, gaponing rather thin, with Khus toxicodendin Shrublager up to zommm. Lycopolium 2-3 m. tall inchider cymplanatum occasional. smaller sufflings of trees Lome Rubur, Ame Partherisaires mentioned about, Robinia, Some Euroymu, Vitio Vaccinium atrocrem afew seedlings of oak, Congling sprouts of ater whom Myssa. Castanes dentata, scelling Hex opaca, Prumus serstim of Mysso, Rhus toxico dendra Carya Fragus Lorhe Smilax notundiground over of mitchella, folia, the Smilar some Vaccinium vacillans, and forieng more Dermodrum, Mederla, Smilaring common near edges of Seedlings of ace whom Vitiz dry of oaks, mysso, Smilax, Corner, The Lonizona and Smilar and & climb trees. Partherocissus.

1955 Virginia Shen. nat. Park 37 July 9 - Corbin Cabin, Hugher Robinia Pinus svirginiana, Lassefras, ares merum, Ribrer Madison Co. (nishreson Hollow) this is a relatively flat valley bottom which has been under culti-Clematis very abundant in weedy places and Thickets vation in the days when the mountaineers lived in the scattered cabins which still stand in the valley The inhabitants were removed about 25 years ago and the forest has come backs. The present fourt is a mixed second growth 36460 Galium triflorum Michy. procumbent occasional in rather ofen fine woods 61 anemone virginiana erect, sepals greenish-white occasional in overgrown clearing in second-growth 62 Frunella vulgaris flowers purple occasional in weedy cleaning 43 asslepias tuberra followers deep crange nave in weedy cleaning several stems from base. 64 Hex verticelleta (1.) gray shrub 3 m. tall. in second-growth along Istream is galum circagas in second growth. spreading. worts yellow a Comes alternifolia small tree 4 m. tall in second- growth words fruits green. 67 anemore virginiana f. leucantida Jun. ered; sepals white. occasional in very weedy cleaning

1955 Virginia Alen. nat Pale 36469 Lemmer Cardiaca flower purple. common in clearing around abandoned cabin 69 Clinopodium vulgar blowers bright purple in cleaning reacabin 70 Malva neglecta Walls. blower pale lavender. 71 agrimoning around cabin erect, flowers arange. rare along trail in woods 72 monarda clinopodiah. erect, blowers white. 73 Cenothera erect herb to 1.5 m. tall, common in clearing around calin branched at base; flowers clear yellow; androcia gygomorphie. Erect, leaves grean 74 Chenopodium occasional in cleaning above, glavious beneath. , around eabin 75 Plantago amund cabin small tree. in woods along stream 77 Phlox paniculata nave in weeky clearing arrund calin 78 Hemericallis fulra dull vange red. local, pratches around calrins'

Shen, nat. Park July 10 - Abryline Drive - many formerly open meddows are now covered by a scrub of Robinia pseudo-accing from 2-4 m. tall, forming a solid canopy. In places this may be varied by summe thickets. Other meadows are principally invaded by Conglus conuty, forming low dense patches about 1 m. tall and several to many m. across. (Old King View) Others have scattered pines and junipers. Atil others are still primarily grass Bright colored flowers are mostly in the offen grassy meadows and especially on open was cuts.

42 1955 Vinginia Shen way Park 43 July 10 - Big meadows, e. of On higher ground Chrysanthe-Shyling Drive, Top of Rapidan much leveanthemun is fire Rd. locally common. open meadow, scattered · Patcher of very low small pines and junipers. Cratagus, also of Rubus Centamen maculos Glagellain. Fow patcher forms a belt several of Plumus virginians about yards wide along both sides of road. & mitall surrounded sides of road. ly a belt of spreading Kulur flagillais. dome small areas of Robinia 1-2 m. tall. In lowest parts are large areas, almost fields, grassy areas with made white (from a distance) abundan Tragaria, by track vetters Trauttreteria but little war Vaccinium. deminates other areas but searcely flowering yet. Rubus Row patches of Conglue, with running unblerground hispidus also forms local stolons, the stems only patches in these low spots. 1-vdm. tall, both smooth Thelistum also common no fruit! Patcher of locally. Some open Elercharis and funeus, as well as a Polysonum not yet in flower. Rosa, a very Hennstaedtig. The grassy places with Danthonia, agrantis, Carex Pyrus (aisnis) with the Conglus hispid prickly stoloniferou, Some Lyoning asslepiai ne, low 2-3 dm. Ayriacus, Cirsium (lang) Catches of Onorles Fyrimachia quadrefolia. Patches of Spines alla I Solidago, Solytrichum With the low 3-5 dm. beginning to flower. South of Corner forming and some Corylars of thereas, 1-2 m tall. commune, partly dead. Low patches of Ventrus (angutur2) primocanon. Lyeopodium complanation.

1995 Virginia 44 Shen. nat. Park July 10 Rapidan River has thick growth of sprouts of sassafras, Robining etc.

Kinindendran, myssa, etc.

Forest here is largely finishendran. July 10 - Stony man mountain 800 00. Overlook, theyling drive grassy roadside galium mollugo L. caespitore; flowers white. eachitore culms spreading. common on 3 81 Conglins connuttons
borning a patches in should 1 m. tall. July 10 k mile south of Big meadows entrance, Shyling Drive 1050mg 32 galium mollugo L. caespitose, stems grassy roadside decimbent to ascending, flowers white (same clump as # July 9 - The Pennacles Overlook Abyline Drive 3720' 33 asclepias tuberosa 1040 m. flowers crange roadside July 9 - Thornton River 84 Campsis radicans blowers deep orange red. Stigmas, 198

a strip about 30 m wide and perhaps 4000 300 m.

long of thick oak freet was cut at about I m. height from the ground! The freet is was about

3-3 m. apart, up to an

extreme of 55 cm. thick. The tops of the stumps of 60 trees were measured,

mostly quereus valuting, gicoccinea etc. Measure-

mento in inches diameter. Kings were counted. accuracy probable is within

- 2 rings, possible en due to some rings being very

small. Measurement was total diameter incl. bark. Table on p. 47 arranged along

the strip from east of west.

there is no relating between diameter and sing age.

This frest is allowed 50 year old, except the east

end which is between 18+30 years and sniged in composition

width variation. Some trees

Fairfax Co.

	*				
diam.	rings	tree 1	diam.	rings	
9/2"	20	Tulif,	13 "	48	oak
13 "	18	*11	13 "	40	
11 "	20	oak	10 "	48	
14 "			17/2"	49	,,
10 "		red maple	15"	45	**
19"		oak	9 "	40	
10%"	26	* 1	14"	47	
9/2"	26	locust	13"	49	-
21 "	50-52	oak	18"	49	- 1
22"	49	it	12"	52	
101/2"	45		11"	41	3
13 "		45 11	9 "	50	
19/2!	50		9/2"	47	
19/2"	50	¥ 2	12-"	47	7
10 "		myssa!		47	
12 "		oak	11/2"	46	
13 "	49	*1	12 "	47	
15%	51	**	10"	45	
8/2	50	1 -4	16"	42	
14"	46	* 1	16"	48	-
13 "	49	2.1	182"		9
12"	46	11	12-		
10"	48		82		
经"	45		14/2"		'1 -
10%"	42		19 "	,	11
17/2	49		(1/2"		7 17
9 "	48		72"		7 "
6%"	43		havea	10.0	
13 "	48	"	period a		
15%"	47		from cent		. /
10/2"	50	- 1	they s	- 1 1	
7 "	4 4		equal, o		
17%"	38		narrow	in only	meg,

1955 Virginia 49 Fairfax G. July 18 - fleepy Hollow 1 mi. x. of Talls Church Planted in garden, metroducing spontaneously 36485 monarda erect, flowers bright - deep maron-pulple. 2 86 Monarda erect; flowers bright July 16 -37 gordyera pubescens occasional in young erect, leaver gray-green white July 28 -88 Pyrola currents second growth woods 89 Cuscuta stems pale yellow, flower white. in recently abandoned com field. 90a glycine occasional & common in stubble field glower rose pusque. 91a glycing accasional to common in stubblyful flowers white

farefax Co. 51

notes are arranged by numbers as marked on overlay in red, each number indicating a plot or area that seems on the photo to be more or less uniform.

Despending flavour and lespedeza striata the most important component. Several small clumps of oaks scattered in the field. Was cleared from scrub prime frest and planted to grass, according to owner, who was morning it at the time. Grass 15-20cm. tall.

2) a) area of abandoned field near word with abundant invasion by shrubs such as Rhus copalling and tree seedlings, esp. Prumus seroting

2) b) young pine forest, l. viginia, with pine saplings very closely spaid, about 2.5 m. apart of less, 6-10 m. tall, eanopy incomplete because

53

11. an abandoned field, mainly covered by androprogen. Divided by small road. On one side of road some invasion by seedlings of prive, sumar and a few dales. androgrogo dominant. On east side of road the grass has been mainly replaced by Lolidago. Invasim by woody plants much more prominent - pine locust, suma, Sassafras, etc. Strif, along edge of left and saplings and quite tall. 60 1955 Vinginia hickory, occasional 19) Fairly close stand of tulip, second story of fring forming a roughly saplings of same. Ithere rectanguly patch undergrowth with surrounded by decidury frest probably site of anold field. Clines (P. virginiana) 75-100 al well-developed understory of Liviodendin ace hubrum Carrya. Corner plovide, with much Ronice g japonica, Khu toxicodendroh, etc. Little ground cover, some Lycopodium complenatum. 20) I negular occumence on slightly higher ground of tall pines many of them fallen or drying, mixed with ather thees of various sizes. Prines being replaced. Undergrowth of sapling of beech, hyspa, bushes of Vaccium stammeum. Laplings also of sassafras and spronts of chestnut. afew large trees in place, Corner florita, only thyssa Carya Lacrafias of white perus,

30) Charly boundary the between this and 29. Forest of mainly hardon Jahr, theling beech ace, rulrum, small hickories a few pines. Thin understory of saplings of same trees (except piles) with myses and some Cornus. Home small Junipens. This layer of gayluming and Vaccinium hather estal, seedlings of trees. all quite spains. abundant stumps of Castanea. much Fagus and small myssaher. ground over sparse, of Vaccinium vacillans, Parthenocusus, tree seedlings or nort sports this didge out in low places. Chestnuthas evidently been out here after it died. 31 (mitted)

68 1955 maine Washington Co. 69 aug. 23 - estuary west of for Dyer's Point stope of low knowl just above salt march Geter manophyllus var, sejunctus purgens forming a dense feelily lugarner prostrate subtenanean; fertile ground cover in aspen stems erect dish yellow grove, mainly of sterile rosettes rays frale lavender 91 Euphrasia rigidula Ind.? east plower white esteral evier life dark-marked 92 aster divarientes mill. inside. exect; mays white, diely 2 93 Enthamig graminifolia v. nuttallis yellow. blowers yellow same at high tide level in edges of salt-mush 94 Stellaring gramines procumbent, petale 95 Apergularia canadensis white, bifig. leaver pleshy; flowing "restricted narrowly & show - white. when edge of the ser covered by tidal water. 96 lantago maritima legaves sliffish, somewhat very common fleshy, plants varying much in size. 97 Triglochin maritima caerfritore, spiles end. common 4. 98 Sparting patens shingomes born a dense sod. very local

70 1995 Maine Washington Co. 71 36499 Luacha maritima (ait.) Dum ten end; leaver fleshy. Common 36500 halisonig europala L. stems Terete, bleshy, red to green horizontal, 2 01 fring fluviatilis (Toni) gray
2 02 funcies dense patch sufternamean , caeshilos common 4 03 Limnium nashin Amall corollas lavendes. common same - mud flats below high tide level. 04 Spartingalterniflora Loisel. erect, abundant, pure stande or overlangearen practically sulmerged at highestids. aug. 24 - Milbridge, 36505 Vermica longifolia L.

persisting around old

house-site flowers blue - violet.

74 1955 maine Hancock Co. 75 westered ang. 74 - Hill north of fittle ang. 24 - Spring River Lake 420-490 Ling River Lake, westend surrounded 9 mi. west of Cherryfield by mixed frest of red Bare open rounded granite maple Things abies, slopes with pratches Betula on flat ground of regetation - Vacunum angustifolium on both sides of small Jaylussacia, Empetium, stream. Moult of stream Jayrer melanocurpa. growns a delta of fine uniperus communis, Danthonia, Cladonia. frant is dry and covered growing in crevices by a broken semb of Myring and on placer where gale. The stream margins grit and human have and love extending into the lake are wet, evered by stabilized by morrer. a mixture of a stenle grass, Some amall Betula populifolia, several sedges, Drosera, Thyring pereguno. Wind Xyris, Eriocaulon, with a beaten fin and vinus strobus. tratile of low myring gale in the center of one lobe. ang, 24 - west end of spring 200' River Labre, 8 mi. w. of Cheryfield 60m beach of fine granel House 36506 alnus mgosa valamericana slumb 2,5 m. tall; leaver glancous beneath. important component of scrub at top of beach 07 Kanunculus reptans prostrate, flowers yellow. rare, above mater level 08 Vernica scutellati flowers lavender. above water level 09 galium brevipes prostrate above water level 10 Utricularia cornuta event, flower bright yellow.

76, 1955 Maine Hancock Co. 77 36511 Xyris montana leaves distichous; flowers yellow. common 12 Drosera intermedia plant dark reddish. abundant 13 Erio saulon septangular plants solitary abundant 14 Fimbristylis autumnali, very rais 15 Cyperus plants solitary same - in scrub at top of beach 16 Chamaedaphne calyculate (L.) Mound shrub im tall 17 Degraphthuz mucronata shoul 1-2 m, tall; fruit commy dullred unpleasantly 2 18 7 huja occidentalis small tree is m. tall, very common bushy. aug. 24 - Hill north of west 130-131m. end of Spring River Rake fare granite expresure 19 Betula Tree v m. tall, back isolated, wind-beaten on - reddish.
prostrate; fruit black. 20 Pyrus melanoraspa (Michy) Willd. on this grit accumulation and definersion on slope. 21 Potentilla tridentata ait. on this gritaccumulation 22 Lechen on thin gritaccumulation

1955 Maine Hansoli Co. 79 Thyping peregring pagnant when brief. abundant in openings on thin soil. 24 l'enus resinosa ait. common in sparse woods 25 Betula populifolia augrening in spanse woods bails pale. same - north slope 120 m. white except yellowanthers. 26 Monotropa uniflorer in deep humur, local 27 Lyespodium obscurum in thick words, deep humans 7 28 Chimaphila umbellata leaves glossy, scapes evert. in deep humms in thick woods aug. 24 - Salmon Pond. south of Tunk Mt., 8 mi. w. of Cherry frield. Thick words at edge \$3 29 Vibrunum alnifolium Marsh. should a m. Call; fruit occasional in motor not quite mature, mange red. 30 Vaccinium conjuntosum should am. tall; fruit occasimalin blue, sweet. 31 gaylussacia should Im. tall fruit occasional in black, sweet. 32 Rhododendin canadense showb im. tall. leaves common, especially at lake glancous especially margin beneath. 33 Pyrola secunda L. recemes definitely secund. very local under Tsuga canadensis

1955 maine Washington G. 83 aug. 25 - Bois Bubert Island south of milbridge stem orange, flowers white. 36534 Cuscuta 4 parasitic on holidago semperviens just above beach. 2 13 alnur mgrsa f. emersoniana shrub 2.5 m, tal. common forming thickets pubercence yellowish, over most of the island. leaves green beneath 36 Empetrum nigrum prostrate, forming common locally in 115' rim totaste. but not agreeable openings and thin words 37 alnus redgosa f. emersoniang common, firming thickets shrub z - 3 m. tall, and undergrowth pubercence yellowish, leaver green beneath. The same - on matt of nymphasia 39 Eriveaulon septangular Willy. heads gray; roots septate nosetter submerged, heads above water, in patcher near shore. short trick and sporgy. 39 Mymphaea odrata in water, forming a forming a dense mat; Jone 50-100 m. wide around leaves floating, smooth froms. and green above, marry and with impressed veinsbeneath. 40 Mymphorides cordata leaves floating, gilly local near shore. above maron beneath. grungan 41 Eriscaulor septengulare. local or raised places in mat, resettes at waters surpass heads gray

Washington Co. mains 85 aug. 26 fre Dyer's Point 1. 3-5m. 5 mi south of Michidge spruce fruit deel now humes over webs, just back of welry shore. 36542 Trientalis borealis ammon in shade 1 43 Vaccinium out it a ray minus leaves glossy; fruit searlet, acid, excellent common generally in shade cooked with sugar. 44 Vaccinium canadense shrub 3-4din, tall; fruit blue, sweet. in sprice frest 2 45 Vaccinium angustifolium fruit blue, sweet. in ofrening (old burn) same - sandy patches at top of boulder beach 46 Mertensia maritima prostrate, many tranches commen in spreading from root crown to form mat-like patches into macross; leaver very glamous, flowers pinking bluish turning 3 47 atriplex patula van hastata spreading, much common in branched green. 2 48 Convolvalus sepium var. repens (L.) gray hvining over other common in plante and creeping un rand; plowers with amb pint, never estrile; stigmas obling, 2, white 49 atriples glabriuscula Edm. ? place prostrate, spreading, very common in much branched; whitish green.

86, 1955 maine Washington Co. 87 36550 Elymus. erect, green. occasional an 51 Lathyus maritimus forming tangled masses common in glamous, ill-scented. 3 52 Cheropodium 53 ammophily traviliquents of common forming platches in glancour bluid. 2 54 Chenopodium rarein 55 Sentellaria epilobilolia oreasional in 56 Stackys flower pinh common in 57 Muhlenbergia? dreit, leaves glaucous. rank in aug. 27 - same shrub, m. tall, flowers 58 Spiraca 59 Corner characterist I beach abundant in spuce fruit scarlet. forest growing on deep human

maine Franklin Co. 89 west side of ang. 23 - Webb Lake mile of ground cover of analia, Lycoprolium, Connus canadencia second-growth woods Pteridium, acer migrum of Betula luter and seedlings, etc. Lennaly Trientali, acer rubrum, undergrowth Clintonia of alies saplings. 36560 Lycopodium clavatum creeping, fruiting common in shade stemment. 2 61 Lyropodum sabinacfolium Willd. creeping with erect emmon in shade branching secondary stems.

White mtz. 1955 new Hampshir 90 Mug. 28 - Shelburne, androstroggin River mixed findst of beech birch, hemlock, spruce, white pine on rocky slope. 36562 Lycopodium to complanatum creeping whizems on top 63 Lycopodium obscurum of ground, branches end. whizems deeply truined, lozal in shade stemment. 64 Fagus grandifolia small tree 5 m, tall, 10 cm. diam., (others much larger) 65 Betula papyulera Tree Item. deam, back white to base. 66 Betula papyifera tree room, dian. back common white to base. Pinkhamis notch, above glen Ellistelli 1550' photoz of Mts. at Madison adams, fefferson (+ great gulf), Washington from n. of Pinkhamis notel, for frest mised Betula Piced acer. 6 67 Betula papyripera common 2. of P. W. Tree, several trunks from base, largest rocm, dian. bals white to base. The general frest ever It seems to extend at lower attitudes in the represent, becoming White Mis. is a general unern more emiferous, to a mixture of Betula papyrifera, timber line at perhaps 15. Lutea, acer whum, a: 5500'. Most of the peals abiles balaahnen Truga are worded to the tops. mt. Washington tran an extensive canadensis, linus shows area above timber-line, mostly ("icea rubers, etc. covered by broken works.

Lansing to Houghton Kake

country, mainly farm land.

et Landy soil much

in low spots.

Transitional area apparently much of it abandoned bields with principally afford serub of Comptanion peregring, pratches of their dimm, areas of aspen thicket - there becoming more general northward would of cutting and burning. Deer browse on aspen seedlings and lower branches.

Morth of this a conspicuous belt of pino- oak both linus banksiana and l. resinora and several rales. Fairly closed frest through not old.

Month of this, again, a moraise of patcher of aspen borest, things swamp and open breath-like a ear of comptains peregring and I tendrum with

Higgins Lake Conservation Althon Training School habe with narrow sand beach, then surrounded by a broad stry of swamp frest - this has a peat lager apparently shallow. The swamp is mainly Thuga with Tsuga, abies, Betula papyrifera, B. Lutea - these birches more abundant tours lake and toward periphery with some are nigrum. En the cedar and hemloch are thick there is almost no ground cover. Here the cedar layers conspicuously wherever it falls a grows down to the ground. Where the cedar and Jouga are thick the ground cover is almost absent. Where birely is common aster marsphylla, Maianthemum, Itendium, aralia, gaulthein, Yolygala Mederla, Trientalis, actaca Dryopteris austriacy, seedling of abies, querous, acer myrum, a. spicatum, Ulmus, Unign, etc. and such shrubs as amelanchie aces spicata, etc. this is surrounded by second-growth of oak, bird, and aspen.

Deer browsel northern white cedar prest. This is a peat swamp with Thuja, Pices, abie, Betuly populifolis, and topulus. The trees are up to 2 dm. the dut, spaced 1-3 m., forming a dense shade. They are browsed off to about 2 m. showing a definite "howse line". This is a "deer yard" and lacks should rendergrowth. thee is a thin growing layer of Clintonia, Coption, galium triflorum, Vista of. Elsmunda comamomey, Rubus of Trillium of, Lymplocarpus, Connu canadensis Cyrusetum y, Cares intumercens, hypopodium, Thelypteris palustris, analia mudicadi, Cares stellata, Ronicera canadensis, and seedlings of acer rubrum and abiles. the deer prefer the (huja and, in fact, it and Taxus are the greats on which they can live over the winter exclusively.

96 1955 michigan

Left. 7 millers fanding Dead Stream Large wildernessand of about 70,000 acres, with about 2000 acres. This has been flooded about 15 years and the water level is maintained within 3 inches. The depth of water. varies locally. Where it is about 1 m. there is a thath growth of Myriophyllung Cabamba Elodea, Potamogeton americanum, other volamogeting, Ceratophyllum, Myllian, nymphaeg, etc. Where water is 2-3 m. Ceratophyllum is more abundant, also Votamoyeter zosteraeformis and P. illinoend, some Bidens beckii, an alga, probably spirogypa. much local variations in abundance and in projection, of different spece. the bottom is generally but not always completely weed. thangunium and Vallisneria are wrilly abundant, arteril spanganium (?) former

Crawford Co - Montmorency G. 99 michigan 1955 98 Left. 3 - Hartwick Pines Hat Park Tothe moth of north of grayling a east of Frederic Hartwick lines is a long a stand of very tall stretch of linus white fring on flat banksiana, mostly site - soil profile young, or sandy of litter 1-2 cm., darly grale brown soil they brown humas & em., gray in more gravelly soil fine sand 10 cm., then a pine - oak misture, a yellow-hown layer with some fratcher over yellowish sand of aspen. sparent material. The Left 13 - 3 mi. n. of Lewister white frimes are 100-150 ft montmorency to tall, 2-12 dm. thick, with Outwash plain, grayling long elean boler. Mixed with fairly large hemlors. sand - covered by a mixed wordland on of red maple y sugar maple comprises banksians and 75-100 ft tall, good second quercus, with some aspen. slory developed locally Shrubs of Crataeques and of maple, with many que Lalix. Dance Inaple seedlings, there badly browsel! Little ground cover of bracker, ground over except maple arctostaphylos, Vaccinium, seedlings and a few ferns. Carex and many heros, with Comptonia common. On slope above there This on a yellow-brown is an admixture of sand darkened in the tall red fine, more slender than the white pring. top vinches, scarcely leached. furrounding area furt up the road on in a very often stand gravelly marainal material of young frines with brachen, and Rubus Roselaun soit, there is and grass between. dence seeml-growth giventing wood of quercus aspen, getter proved of a ace rubram bouton undergrowth of Coryles, aralis, Pteridium

100 Michigan hope. 7 - c mi e. of Vienna ftand of northern hardwood freet on Emmet Beech-maple selectively cut 50 years ago (for size.) acer nigrum, Fagus, l'oprilies grandidentation. The beech is up to 16 in diam mapler smaller. 9 few elms. almost no ground over except beech and maple seedlings. home lyralyties on such as Botrychium virginianum, Dryspteris austriaca, Viola canadenie, V. servia, galium triflnum. to tree are about 60-80 Gt. tal mostly 4-12 in deh. Canopy perhaps 95%. No second story except a few scattered saplings. soil gray for 8-10 inches, sandy, then yellow bown. hept, 3 13 mi. or. of atlants north of clear lake. Jack pine woodland on fet sand plains. 3 6568 Polygonella entipulata 69 arthortaphyllos una-unsi L. 70 Pinus banksiang dominant in

montmorency G. 101 left. 3 - 13 mi. n. of atlanta, month of Clean Rake, montmorency Co. Jack fring plains, sparse wordland of trees uneven in sige, and sale. ground nora wisi where trees are closely spaced, in more ofen places with Vaccinium, Comptenia, androprogen gerardi, and Prunus susque. hannae. 7 lus on sand, Top 2-3 gradually changing downward to tan. all sand, no leached layer small patches of small valuand aspen to mently also open areas with scattered clumps of much more structed fring and scattered strented vales.

flowers white.

prostrate, leaver glossy,
fruit red.

small tree 4 m. tall.

102 Michigan Chebrygan Go. sept. 3. Omaway State Park, Black Rabe Decidions frest on calcareon soil - rather denig and sembly second growth with scattered lunger trees. Large trees a " Tilia quercus Populus grandislentata Tsuga and a few white and red prines. Rare big white pine. Amall tree mostly Ostrya, acer nigrum, Francisco quercus veluting, Tilis. formy Betuly papyrifer toward lake. Fair hut layer 1-2(-3) mitall of tree sapkings. Direa patristris near lake! Sparse hert layer with Hepatica, actaea pachypoda, aster manophylla Care, etc. and seedlings of trees.

106 1935 Michigan Emmet Cs. 107 Bulu Michigan Left, 4 - Sturgen Bay fand flats durinated an inequalar sand by Calamorilfy + arctostaphylas flat (an old trun site abandul exattered brushes of a few years ago) surrounded Potentilla fruticasa, scallens by high dunes, the lake artemisia and Cirsium pitcheri. front with a low dune Duner with clumbs and groups of Pinus strobus with some Picea glaves, even Thuja Juniperus communic san depress (stems spreading and assending & 3-4dm. tell, clumps several m. across, compact) arctostaphylor and Calamovilly dominant in offen, clumps of cornur megular sand flat, and low dung. serice and Prince allegheniens 74 Populus balsamifer x deltoides? skrub, forming clumbs. shrube 1-2 m. tall, bud filled with armatic resis, leaves pale beneath. 75 Potentilla frutisorg L. compact clumps, # petals scattered on yellow, mostly gone. 76 Campanula notundifishia flower blue puple. 77 anemon cylindrica orcasimal. on lingh dunes 79 pygadenus glancas decarmal 78 antostaphylos mog-msi L. prostrate shrule, Ivally dominant fruit red.

Emmet Co. 108 Miss Michigan 109 3 4580 Amilacing stellata Local 31 Calamovilfia locally dominant 82 Junipreins communic me depress low spreading clumps very common several on, across and 3-4dm, ligh. 83 / briga plicata stunted trees 3 m. tall occasional Cocil Rept 1 4 - Cesil Bay, Lake michigun occasional saplings and Wet wall flat just above water- with rare comes rugosa. Where light gets in Juneur, Lobelia Trigloching Vis lacustris from Terardia, holidago, Potentilla patcher, some finnang also and Corner canadensis beach ridges covered by Cares, etc. l'atches also of dite manophyllus, mixed conferences fret fir sædling are of abres, Thinga, Pices, common. Vsewhere Pennstrolais, P. resinosa. to flow is absolutely retula papyifer Populus var except for more tremuloister. matcher. no shoul layer except shoul. 34 Commangora in conferous freed.

Sefet. 4 - Douglas Lake a bettle-hole boy near village an open pool of brown water

around this a belt of nymplines. Aphagnum a bew yards wide with chamaedaphne

dominant, some andromeda

and Kalming polipolia. Here burnacenia is abundant -

said to be introduced but probably

licey mariana is morading this, Pinns strobus

approaches to within 50 ft

3 6602 Kalmin polifolia occasional on sphagpain mat around bog.

03 arcenthobium

sparasition small Viceg mariang growing on they we 04 Schentzeria

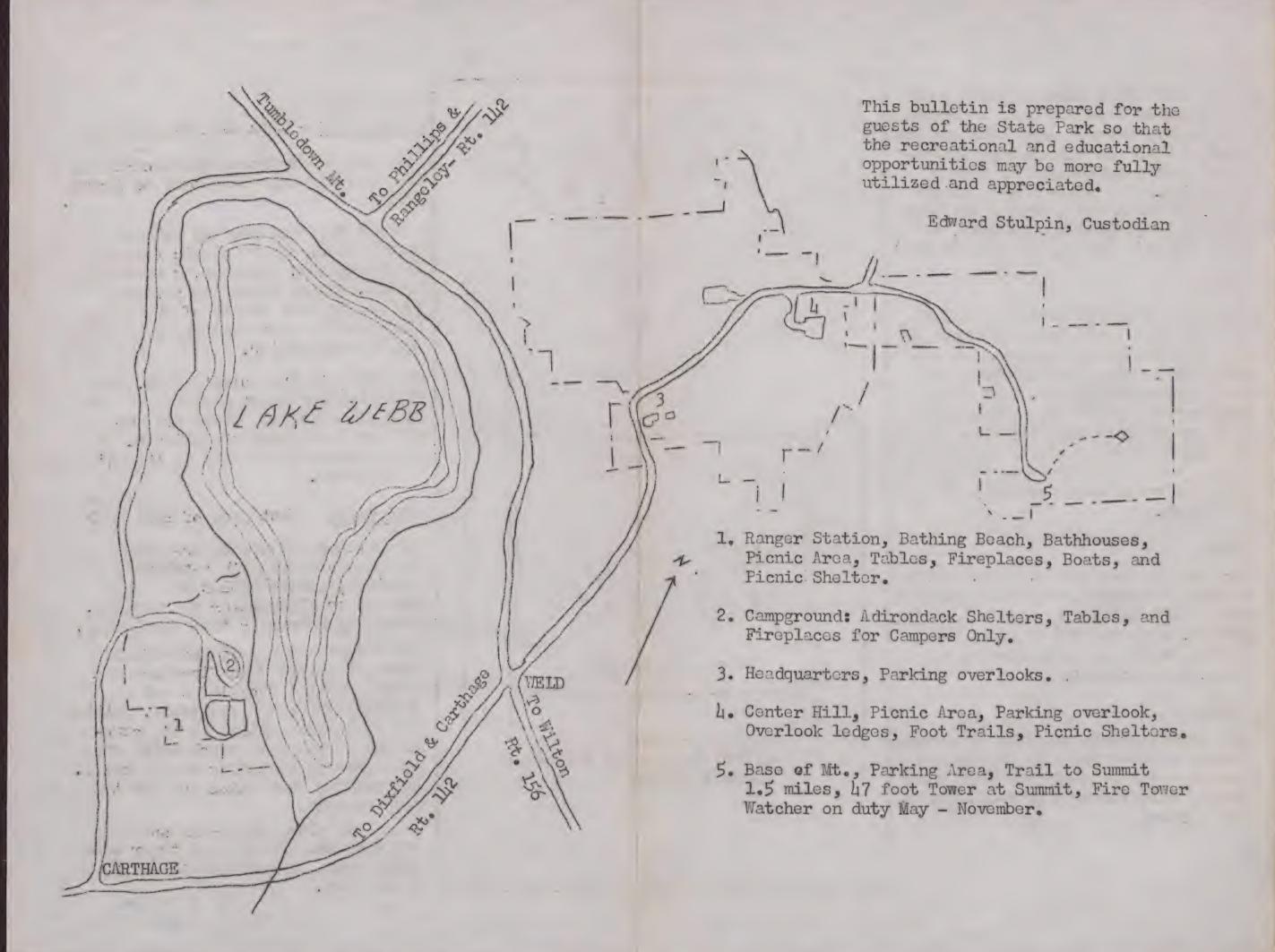
rare on sphagnum

05 finilacina tripolia local on sphagnum in ofenings in spring-prine work. This bulletin is prepared for the guests of the State Park so that the recreational and educational opportunities may be more fully utilized and appreciated.

Edward Stulpin, Custodian



- 1. Ranger Station, Bathing Beach, Bathhouses, Picnic Area, Tables, Fireplaces, Boats, and Picnic Shelter.
- 2. Campground: Adirondack Shelters, Tables, and Fireplaces for Campers Only.
- 3. Headquarters, Parking overlooks. .
- 4. Center Hill, Picnic Area, Parking overlook, Overlook ledges, Foot Trails, Picnic Shelters.
- 5. Base of Mt., Parking Area, Trail to Summit 1.5 miles, 47 foot Tower at Summit, Fire Tower Watcher on duty May - November.



MOUNT BIJE STATE PARK is located in the towns of Weld and Avon in Frank-lin County, Maine. Lake Webb and the Town of Weld are situated in a beautiful valley surrounded by rugged mountains. The State Park consists of 4,927 acres and embraces Mt. Blue (3187'), Hurricane Mt. (2484'), Little Blue (2001'), and Center Hill (1620').

HISTORY

The State Park was built in 1936-38 with Federal funds made available to the United States Department of Agriculture. Sub-marginal farmlands were converted into Mt. Blue State Park and named for the most prominent mountain in the vicinity. Roads, trails, beaches, shelters and picnic tables were built by labor recruited from the unemployed prevalent at that time.

FAUNA

Here may be seen moose, deer, rabbit, wildcat, woodchuck, squirrel, muskrat, mink, beaver, weasel, woodcock, ruffed grouse, migratory water fowl, owls, salmon, brook and brown trout, perch, bass, and pickerel.

FLORA

The forest growth consists of a mixed forest of hard and soft woods, and a ground cover of dense and thin underbrush, wild flowers, grasses, ferns, and mosses.



FACILITIES

Center Hill - East side of Lake Webb

The park headquarters are located in the fine old Cape Cod house on Center Hill.

A short distance beyond, well up on Center Hill, are 20 picnic tables, 18 fireplaces, latrines, 2 shelters, trails, spring water and parking. The scenic view is one of the loveliest in our state and the fall foliage is spectacular.

The trail to the summit of Mt. Blue (1.5 mi.) begins at parking area at foot of mountain. There are two springs to refresh the climber. A fire lookout is on duty in the 47' steel tower.

Webb Beach - West side of Lake Webb

The bathing and picnic area has a fine sandy beach with bathhouse, latrines, picnic tables and fire-places, drinking water and parking. Boats may be rented from the Ranger.

The campground has 45 individual sites, complete with fireplace and table. Toilet facilities and drinking water are available. Bathing may be enjoyed either at the campground or the main beach which are connected by a woodsey shaded trail. The camping facilities are for the campers only.

There are also Adirondack shelters for campers. These have their own sandy beach in addition to other facilities. 120 1995 Ohio Left. 10 - Oak Openings Park much of the parts was low swampy land but was drained some years ago. This is a tract of about Came up to firest. Now or few arear have been 3000 acres in the alsh cleared of, aspen, cottonwood "Tak openings" frost type maple, etc. and the draining on sandy soil of the old ditcher dammed. This glacial lake bottom results in followding of (when extended much faither low areas till about fung when water table goer than it does now, this down. This area has a firest of large orales nich growth of tall was to free enough of undergrowth to dring perennal herbs. wagens through at the Dry cleared land, time of first settlement. abandoned, has less The land is now quite species, westly different beterogeneous, with patches a first year abandones of very different bristory, com field is a solid stand much of it having beek of ambrosis with renderstory cleared. of Bulbostylis capillares. a few I me peace in the morthwest miscellaneous herbs. In the dry years of 1952-3 corner of the parts is relatively mature oak frest - large they lost many trees in the high quereus alba, q corcinea, areas, mostly oaks. f. veluting, up to 2 olbh, One area of about 10 anses 30' tall, some admisture of of moving clunes. Larger areas some stumps. Thick whenderdedstainer. of stabilized drines. growth of saplings of acerulaum and Hammandis. Flora of the Oak penings, by Thin herb and grass cover. E.L. Mosely, Proc. Ohis acad. Li low spots almost bare 3 (3) Mr. Pap. 20: 3/+34,1928. and free of undergrowth.

1955 Pennsylvania Sept. 11 - \$ Cook frest Rongfellow I nail to Cathedral. valley with a first plan of large boulders, steel sides. Forest on this of large white pine and bestock and after large red rates. These trees are tall, perhaps over 150' They are not closely spaced. The second story forms que canology at 50-40" of red maple, beech yellow buch, oak. Under this is a thick undergrowth of hemlory saplings 6-10' tall, a few sablings of hardwoods, fround layer of dryopteris austriacy and more Con rocks) with a few broadlesfel herbs. above this the valley apens out some into the rolling Cathedral area with many big trees, mostly white frines, up to practically 200 tall. There young beach and red maple here. Vatelies of bracken and of bank ground.

124 1955 Virginia Fringer Co. 125 Sept. 15 - Llecpy Hollow along Tripps Run strictly evert large 36613 androprogen gerardi clumps, spiler bronze a few clumps in abandoned to purple. pasture invaded by shoules. twiner, climbing over herbs, plowers white, Ba Sponnea weed in yard around dwelling stigmas capitate. Sept. 10 - Markham, 14 Botrychium in apple orchard on low forthills. Fairfax Co. A Left. 23 - Treat Falls floating on surface of Clay Pond, deep green, purple below, flex. 15 Spirodela macronbya 16 & Wolfing

Shenandown nat. Park 127 Al Vinginia 126 Oct. 7 - gravel thrings thelter Oct. 7 - blunandoch Valley Overlook Patch of Pinus vinginians Blanff trail month to north del about 1200' through mixed forest Slopes below overlowly. on rolling slopes mixed seems-growth with Carya (2 sh), quercus Ulmus, Diospyros, Riviodendron, prishers, q. rulia, Tilia Cornus, Robina, Cercis, etc. americana Betula lenta tangled with Vitis, Renicera etc. Lassafras, Robinia. Dichey Ridge Rodge loward Big Devil Plain Unchet of Robinia with Julius primus becomes scattered juniper, pon, lassafres most abundant. Here there Prete. 2-3 m. tall, very dens. are many signs of an with Louisers japoning old fine - partially charred in old meadows. logs, etc. many fallen Thised Robining thisut chestnut logs. Love recent 3-11 m, tall with scattered windfalls, perhaps grine about 6-8 m. tall. from one of the resent hurricanes. One large along drive Lassafrank Lindendin seen. and Carya (2 of) are yellow and conspicuous, feveral hundred freet form an appreciable part down this evil; the rugy of cover. appears, becoming may numerous along the stream downward. Leveral bundred freet more, Krisdendron appears. Large Risidendron 6 dm. badly scared by sapsules. 36616 a asclepius viidge Lodge erect, poderect. grassy roadside

1955 Virginia Rochingham G. Hen. natilel 31 36619 Laportea canadensis herbs 1 - 2 m. tall leafler below; distal abundant in wet places grandes of inflorescence swollen and fleshy; fruits replexed under winges pedicels, edge donnward perpendicular to pedicel, some swollen, supglobose and fleshy (probably galled). nave in this place in the fruit red, fleshy, aced but not unpleasant to taste. Mayone brongontal, 2 21 Thelyptens novebracensis (L.) niemol. burred. very local showly 16m, tall back 22 Physocarpus opulifolis stredded. local in thin place in rays violet, dish 23 aster patensait. paleyellow, becoming local in shaded willy place 2 24 Hammamelis virginians dark red. show on. tall, petals yellow common crispate. Oct. 9 - gravel Springs, Rockingham Co. matic. where I m. tall; heads 25 Polymnia canadensis moist opening pointen modeling; flowere pale yellow.

Vinginia Fairfax Co. 1955 135 Oct. 75 - Sleepy Hollow I mi. s. flophoduces small plants of falls Church 36624 Ceratopteris on fronds; fertile fronds cullivated in atto emergent, sterile floating or aquarium, indoors, under if at first emergent, som floating. artificial light; floating. Dec. 4 - 1.5 mi. wof Camp Washington, ground layer very sparse Solid stand of Pinus of c-a Chimapphily macutate orginiang 3-4 m, apail &-la Climaphila umbellata 70 m. tall, earopy about mitchella repens 60 % + trees 10-30 cm. diam. Vaccinium vacillans smaller trees, overlopped, Lycopodium complanatum dead or dying. Humus 3-4 cm. aroyum hypericoide. or more deep. monotropa uniflua Some invasion of acer Volystichum acrostichoides rubrum Myssa salvatica gaulthera procumbers gueran alba Danthonis spreata a few small lex opaca, parala Castana virginiana, Castanea dentata, Kalmin Cladenia rungiferium,
"Bartramia"
and rarely, Cencolryum scatters. latifolia, Cornus florida, Robinia p. Tangles here and there with the Amilax glanca. Lonicera japonica sparely invading from the edge in about 30 m. much brither in fraces. Castanea common, up & 5 m. but some billed by blight but none developing for. or brancher out off much smaller

Francis Francisco III Come Frank dut 1199 Author 15 Q 1 Holenne 10 6 18 Re 111 X 15 19 Pir der Mithi TRS

